

0030240

Internal Letter



Rockwell International

Date · July 7, 1989

No. · UVPEROX.MBA

TO (Name, Organization, Internal Address)

FROM (Name, Organization, Internal Address, Phone)

· R. E. James
· Facilities Engineering
· Building 130

· M. B. Arndt
· RCRA/CERCLA Program
· Building 250
· 4294

SUBJECT · UV/PEROXIDE TREATMENT UNIT REMEDIAL ACTION 881 HILLSIDE

This IL is in response to an IL from D. W. Ferrera to W. F. Weston (SO 89-36, June 30, 1989) requesting information on influent characteristics of 881 Hillside ground water in order to begin procurement action on acquiring the UV/Peroxide treatment unit. The attached data sheet provides the necessary information to proceed with the procurement.

M. B. Arndt
RCRA/CERCLA Program



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cc:

J. M. Ball
C. E. Beutler
D. S. Brehmer
M. J. Freehling
✓ T. C. Greengard
J. L. Hebert
M. L. Johnson
K. B. McKinley
J. M. Shaffer
W. F. Weston

ADMIN RECCRD

A-0001-001386

1/2

881 HILLSIDE TREATMENT PLANT
INFLUENT QUALITY*

<u>Organics (ugle)</u>	<u>Concentration</u>
Trichloroethene	400
Carbon Tetrachloride	35
1,1-Dichloroethene	255
1,1,1- Trichloroethane	470
Tetrachloroethane	153
1,1- Dichloroethane	6
1,1,2- Trichloroethane	<5**
1,2- Dichloroethane	<5**
Methylene Chloride	9
Toluene	6

Metals (ugle)

Aluminum	0.223
Antimony	0.030
Barium	0.117
Cesium	0.013
Chromium	0.021
Copper	0.059
Iron	0.124
Lithium	0.073
Manganese	0.116
Mercury	0.214
Molybdenum	0.011
Nickel	0.068
Selenium	0.165
Strontium	0.890
Vanadium	0.021
Zinc	0.247

Major Irons (ugle)

Calcium	111
Magnesium	27
Potassium	3
Sodium	87
Chloride	127
Nitrate	9
Sulfate	121
Bicarbonate	306
Total Dissolved Solids	715

*Based on a flow of weighted average of the footing drain flow (5gpm) and groundwater at the 881 Hillside that would be collected in the french drain (2gpm). Averages computed from the 1987 and 1988 data base, except organics. Organic compound concentrations determined from first and second quarter 1989 data. Arsenic, Beryllium, Cadmium, Cobalt, Lead, Silver, Thallium and TCL Volatiles not listed were detected.

**Detectable concentrations in some wells, however, blend should have non-detectable concentrations.